

CONTRACT CHANGE ORDER MEMORANDUM

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TO: Pete Siegenthaler, Prin TE /			FILE: E.A. 04 - 0120F4	
FROM: Kannu Balan, Senior TE			CO-RTE-PM SF-80-13.2/13.9	
			FED. NO.	
CCO#: 195	SUPPLEMENT#: 0	Category Code: CHSX	CONTINGENCY BALANCE (incl. this change) \$166,590,773.11	
COST: \$290,435.00 INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>			HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
SUPPLEMENTAL FUNDS PROVIDED: \$0.00			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
CCO DESCRIPTION: Bikepath Railing Tolerances			PROJECT DESCRIPTION: CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE	
Original Contract Time: 2490 Day(s)	Time Adj. This Change: 0 Day(s)	Previously Approved CCO Time Adjustments: 501 Day(s)	Percentage Time Adjusted: (including this change) 20 %	Total # of Unreconciled Deferred Time CCO(s): (including this change) 3

THIS CHANGE ORDER PROVIDES FOR:

Revising the bikepath metal railing (tubular) fabrication tolerance requirements.

The contractual tolerances for the bikepath metal railing as referenced in Special Provisions Section 10-1.78 "Bikepath Railing" are defined in AWS D1.1 Section 5.23 "Dimensional Tolerance of Welded Structural Members." These fabrication tolerances will not achieve the architectural requirements the bridge architect wants for the completed work. Within the AWS code, Section 5.23.6.5 "Architectural Consideration" requires that the bid documents specify the more restrictive tolerances required for architectural considerations. Since the Department did not communicate this in the bid documents a change order is warranted. This change order will provide for the more restrictive architectural tolerances. The revised tolerance requirements will increase the fabrication costs as they are more restrictive than those already provided for in the Contract requiring more time and effort. This change order compensates the Contractor for the additional fabrication work, additional Engineering, Quality Control and Quality Assurance personnel, additional survey control, and additional shop space costs in order to fabricate the railing to the revised fabrication tolerances.

The total cost of this change order is \$290,435.00, which can be financed from the contingency fund. A detailed cost analysis is on file.

No time adjustment is warranted as this change order does not affect the controlling operation.

At this time the impact of this change order to the work of erecting the bikepath railing at the jobsite is under review and discussion with the Contractor. Additional erection costs, if any, will be addressed in a future change order.

This change order was requested by Clive Endress (Architect) and has concurrence from Peter Siegenthaler (Principal TE), William Casey (Supervising TE), Ken Terpstra (Proj. Manager), Rich Foley (HQ Oversight), Wenyi Long (Design Oversight), Lina Ellis (Maintenance), and Jing Chen (District Design) April 6, 2011.


The Resident Engineer requests Headquarters CCO Desk "Issue and Approve".

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CONCURRED BY:				ESTIMATE OF COST			
Construction Engineer:	PCE, Pete Siegenthaler, Prin TE	Date	4/8/11	THIS REQUEST		TOTAL TO DATE	
Bridge Engineer:	William Casey, Sup TE	Date	4/6/11	ITEMS	\$0.00	\$0.00	
Project Engineer:	CT Oversight, Wenyi Long, P.E.	Date	4/5/11	FORCE ACCOUNT	\$0.00	\$0.00	
Project Manager:	Proj Manager, Ken Terpstra	Date	4/8/11	AGREED PRICE	\$0.00	\$0.00	
FHWA Rep.:		Date		ADJUSTMENT	\$290,435.00	\$290,435.00	
Environmental:		Date		TOTAL	\$290,435.00	\$290,435.00	
Other (specify):	HQ, Rich Foley	Date	4/6/11	FEDERAL PARTICIPATION			
Other (specify):	Struct. Maint, Lina Ellis	Date	4/5/11	<input type="checkbox"/> PARTICIPATING <input type="checkbox"/> PARTICIPATING IN PART <input checked="" type="checkbox"/> NONE <input type="checkbox"/> NON-PARTICIPATING (MAINTENANCE) <input type="checkbox"/> NON-PARTICIPATING			
District Prior Approval By:	HQ, Larry Salhaney	Date	8/5/11	FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type)			
HQ (Issue Approve) By:		Date		<input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS			
Resident Engineer's Signature:				FEDERAL FUNDING SOURCE PERCENT _____ _____ _____			
			8-12-11				